Exam Format

**20 Multiple Choice Questions**

Topics (not necessarily in this order) include:

Projectile motion

Graphing motion

Newton’s second and third law problems

Friction

Pulleys

Work and energy

Relative motion

Circular motion

Impulse

Momentum conservation

Elastic and inelastic collisions

Satellites

Electric Force

Wave nature of light

Quantum theory

Special Relativity

**9 Problems (mathematical, not descriptive in nature)**

Topics (not necessarily in this order) include:

Projectile motion

Dynamics with friction

Ramps, pulleys, friction

Springs

Momentum

Electric field and electric energy

Magnetic field and magnetic force

Wave nature of light

Quantum mechanics

**The questions and problems on the exam are not difficult concept type problems that you have not seen before, however, DO NOT UNDERESTIMATE the comprehensive nature of this course curriculum – there is a lot to know all at once!**

**It has been my pleasure teaching you. Best wishes.**